



**Mike**  
**Londe/WYSO/WY/BLM/DOI**

11/20/2007 02:14 PM

To Andy Ambrose/NFO/WY/BLM/DOI@BLM, April  
Groskopf/BFO/WY/BLM/DOI@BLM, Bill  
Carson/NFO/WY/BLM/DOI@BLM, Bill  
Wilson/CYFO/WY/BLM/DOI@BLM, Connie  
Breckenridge/LFO/WY/BLM/DOI@BLM, Dan  
Oles/KFO/WY/BLM/DOI@BLM, Dave  
Vlcek/PFO/WY/BLM/DOI@BLM, Diane  
Adams/BFO/WY/BLM/DOI@BLM, Frank  
Blomquist/RFO/WY/BLM/DOI@BLM, Gary  
Skillman/CFO/WY/BLM/DOI@BLM, Jerry  
Pierce/KFO/WY/BLM/DOI@BLM, Jim  
Gazewood/WYSO/WY/BLM/DOI@BLM, Jim  
Glennon/RSFO/WY/BLM/DOI@BLM, Jim  
Hammond/NFO/WY/BLM/DOI@BLM, Jim  
Honn/WYSO/WY/BLM/DOI@BLM, JoDee  
Cole/WFO/WY/BLM/DOI@BLM, John  
Henderson/RSFO/WY/BLM/DOI@BLM, Lynn  
McCarthy/RFO/WY/BLM/DOI@BLM, Marty  
Griffith/WYSO/WY/BLM/DOI@BLM, Mary  
Wilson/WYSO/WY/BLM/DOI@BLM, Mike  
Miller/WYSO/WY/BLM/DOI@BLM, Pam  
Murdock/RFO/WY/BLM/DOI@BLM, Sam  
Drucker/PFO/WY/BLM/DOI@BLM, Ranel  
Capron/WYSO/WY/BLM/DOI@BLM, John  
Huston/PFO/WY/BLM/DOI@BLM, Doug  
Kile/RSFO/WY/BLM/DOI@BLM

cc Andrew Dubrasky/CCDO/UT/BLM/DOI@BLM, Charlie  
Leonard/NIFC/BLM/DOI@BLM, Cliff  
Sisko/MTSO/MT/BLM/DOI@BLM, Daniel  
Schank/CASO/CA/BLM/DOI@BLM, Dayle  
Sherba/AKSO/AK/BLM/DOI@BLM, Gary  
Skillman/CFO/WY/BLM/DOI@BLM, Jerry  
Sempek/UTSO/UT/BLM/DOI@BLM, John  
Courtright/IDSO/ID/BLM/DOI@BLM, Mark  
O'Brien/NVSO/NV/BLM/DOI@BLM, Diane  
Nelson/NTC/BLM/DOI@BLM, Cindy Lou  
McDonald/IDSO/ID/BLM/DOI@BLM, Dan  
Martin/DWO/BLM/DOI@BLM, Marisa  
Monger/ASFO/AZ/BLM/DOI@BLM, Aaron  
Dick/ORSO/OR/BLM/DOI@BLM

bcc

Subject Trimble 2005 series GeoCE hibernation problem.

Please share this with any of your GPS users who use a Trimble GeoXM, XT, or XH running the Windows 2005 Mobile platform or if they have a new system on order.

I have had several calls from folks from folks whose units have slipped into a hibernation mode and would not wake up by pressing the power key. Usually a 60 second reboot solved the problem. However there have been a couple where this has not worked.

Trimble has released a new operating system firmware version (5.1.16) that address this problem. You can go to the following link to get more information about this:

http://www.trimble.com/geoxh\_ts.asp?Nav=Collection-36699

View Favorites Tools Help

Trimble - GeoXH Handheld Support

## GeoXH Handheld Support

[Trimble Home](#) > [MGIS Home](#) > [GeoXH Handheld](#) > GeoXH Handheld Support

### Product Info

- ▶ Datasheets
- ▶ FAQs
- ▶ White Papers
- ▶ Product Comparison
- ▶ Registration
- ▶ Support
- ▶ Training
- ▶ Screensaver
- ▶ Wallpaper

### Related Products

- ▶ Utilities Enterprise Solutions
- ▶ GeoBeacon
- ▶ Zephyr Antenna
- ▶ GPS Analyst for ArcGIS
- ▶ GPS Pathfinder Office
- ▶ GPS Pathfinder Tools
- ▶ GPSCorrect for ArcPad
- ▶ TerraSync

### Customer Stories

- ▶ Anchorage Water and Wastewater Utility Mapping Project
- ▶ GPS Technology Simplifies Statewide Culvert Mapping Project in California

### Downloads

Latest files available for download.

#### [GPS Controller Software](#)

The GPS Controller software is a free program designed to allow you to configure a range of receivers. It runs on Windows 2000/XP desktop computers, devices running Windows CE, and Windows Mobile 2003 software for Pocket PCs and Windows Mobile Version 5.0.

#### [v5.1.16 - GeoExplorer 2005 Series Operating System \(English\)](#)

(GeoExplorer\_5.1.15\_to\_5.1.16\_English.CAB - 557 KB)

##### New Features

- Improved system reliability by resolving the occasional "won't turn on" issue where the handheld would not resume after being suspended and required a 60 second reset.
- The Bluetooth radio's on/off state is retained over suspend/resume.

##### Entitlement

- If you are running an earlier version of the Microsoft Windows Mobile Version 5.0 operating system, the upgrade is free of charge.

##### Installation Instructions

- For full details and instructions on installing the operating system see the [Notes](#).

#### [v5.1.16 - GeoExplorer 2005 Series Operating System \(Chinese\)](#)

According to the Release Notes you have to have operating system v5.1.15 firmware installed. I do not think anybody in the state, including me, has updated to this. The release notes also have a statement that you will also need to update to GPS firmware v1.82. See the link below.

http://www.trimble.com/geoxh\_ts.asp?Nav=Collection-36699

View Favorites Tools Help

Snagit Region Clipboard

Trimble - GeoXH Handheld Support

Reference

▶ TrimPix Technology

[v1.82 - GeoExplorer 2005 series, GPS Firmware](#)  
(GeoExplorer\_2005\_series\_v1.82\_GPS\_Firmware.exe - 1320 KB)  
Download this executable to upgrade your GeoExplorer 2005 series handheld to GPS firmware version 1.82.

Features:

- Changes were made to the storage of L2 measurements to improve H-Star postprocessing performance when using an external Zephyr L1/L2 antenna. This change only affects the GeoXH handhelds.
- The version 1.82 GPS firmware addresses an issue with the handling of SBAS (WAAS) corrections which occasionally caused large position jumps near latitudes of 45 degrees North. This issue may have been noticed to a much lesser extent when using SBAS corrections at other 15 degree latitude intervals. This change resolves the problem for all locations and with any SBAS correction source.

The version 1.82 GPS firmware incorporates the following changes that were made in the version 1.81 firmware:

- Updated SBAS (WAAS and EGNOS) ephemeris information and tracking to improve initial fix and reacquisition times.
- The new WAAS satellites (PRNs 135 and 138) are included in the GPS receiver's default tracking list. This allows the satellites to be tracked when using the "Auto" tracking mode in Trimble field software.
- Other minor changes to improve system performance and the handling of situations which could cause the GPS receiver to reset.

Installation Instructions:

- For full details and instructions on installing the version 1.82 GPS firmware see the [Release Notes](#).
- If you are planning to use the custom settings to select a specific SBAS satellite you will need to install the latest SBAS.INI file if you have not already.

We need to get these systems updated. There are a couple of ways we can address this in Wyoming. I will put together instructions on how to do the updates and send them out to you and you can work with your local IT person to get everything installed as some of the process might require advanced permissions. The other way is that you can send your systems in to me and I would do the updates and return them to you. If we were to do this I would want to set up a schedule to do this by office. However this will have to wait until I set up and check the receivers that have come in from the efy 07 purchase. Most of those have now arrived and I need to start getting those out.

So if an office wants to do this yourself, wait until I put the instructions together. This will probably take me a week or two given that I am still on part time medical leave. If you want to have me do it then call up to set a time.

Contact me if you have any questions.

Mike

Mike Londe, Ph.D.  
Geodesist, Information Management and Technology Group  
NGS Wyoming Geodetic Coordinator  
BLM / WY 957  
5353 Yellowstone RD  
Cheyenne, WY 82009  
307-775-6209 (O)  
307-630-5094 (cell)  
[mike\\_londe@blm.gov](mailto:mike_londe@blm.gov)

Ask me for anything but time. - Napoleon  
You can only go too fast for so long. - Tom Londe